

CLAIMS

What is claimed is:

1. A cordless Venetian blind structure, including a lower beam having a pair of clamps securely sealed at both ends thereof for a left and a right retaining cords to be held thereby before pivotally led through the bottom of the lower beam to be tied up to a windowsill for location thereon; the present invention being characterized by that,

--a retaining unit and a control unit being mounted to the middle section of the lower beam respectively wherein the control unit in mutual cooperation with the retaining unit thereof being limited by the retaining unit in pushing operation;

--a control cord pivotally led through the retaining unit and the control unit thereof respectively at the middle section thereof being attached to the corresponding inner sides of the clamps by both ends thereof;

--in operation, the control unit is pushed inwards to draw in the control cord by both ends and compress spring elements disposed at the clamps therein so as to release the retaining cords from the clamps for adjusting the Venetian blind up or down into a proper position; when the pushing force applied is removed, the clamps are bounced back, clamping tight the retaining cords thereof so as to relocate the Venetian blind at the proper position under the best using condition thereof.

2. The cordless Venetian blind structure as claimed in Claim I wherein the lower beam has a central through hole disposed at the front side thereof, and a cord passage hole disposed at the bottom side of each end thereof.

3. The cordless Venetian blind structure as claimed in Claim I wherein the retaining unit is made up of an abutting board disposed at the front side thereof, a protruded rod with a central passage defined therein disposed at the rear side thereof, and a pair of extending plates each having a cord hole disposed thereon protruding at the rear side of both ends thereof.

4. The cordless Venetian blind structure as claimed in Claim I wherein the control unit is equipped with a push head protruding at one end thereof, a pivot hole disposed at the other end thereof, and an insertion rod disposed at the middle section thereof.

5. The cordless Venetian blind structure as claimed in Claim I wherein the clamp is made up of a movable plate and a fixed plate bound by a spring element attached at the movable plate and the fixed plate there-between; a serrated retaining section and a serrated fixing section are disposed at the corresponding inner side of the movable plate and the fixed plate thereof respectively, clamping tight in mutual engagement via the spring element thereof; the fixed plate of the clamp also has a closed facet disposed at the outer surface thereof, and the movable plate thereof has a retaining hole preset at the serrated retaining section thereon for the control cord to be led there-through and attached to the movable plate thereon.

6. The cordless Venetian blind structure as claimed in Claim I wherein a coupling body can also be attached at both ends of the lower beam thereof respectively; the coupling body is made up of a central through hole and a stop flange disposed at the inner side of the central through hole for a movable unit

having a spring element disposed thereon to be led and abutted thereby; the movable unit has a cord hole disposed at one side thereof for the control cord to be attached thereto by both ends thereof, and a serrated retaining section protruding at the other side of the movable unit thereof; a pair of sealing covers are disposed at both ends of the lower beams thereof, each having a serrated fixing section disposed at one side thereof correspondingly matched to the serrated retaining section of the movable unit in clamping engagement for holding the left/right retaining cords therein.